



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H129205

**Mode:** Highway

**Status:** Submitted

### I-95

**From/Cross Street:** South of SR 1604

**To:** North of NC 481

**Length:** 15.07

**Specific Improvement Type:** 1 - Widen Existing Roadway

**Project Category:** Statewide Mobility

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$348,801,000

#### Description:

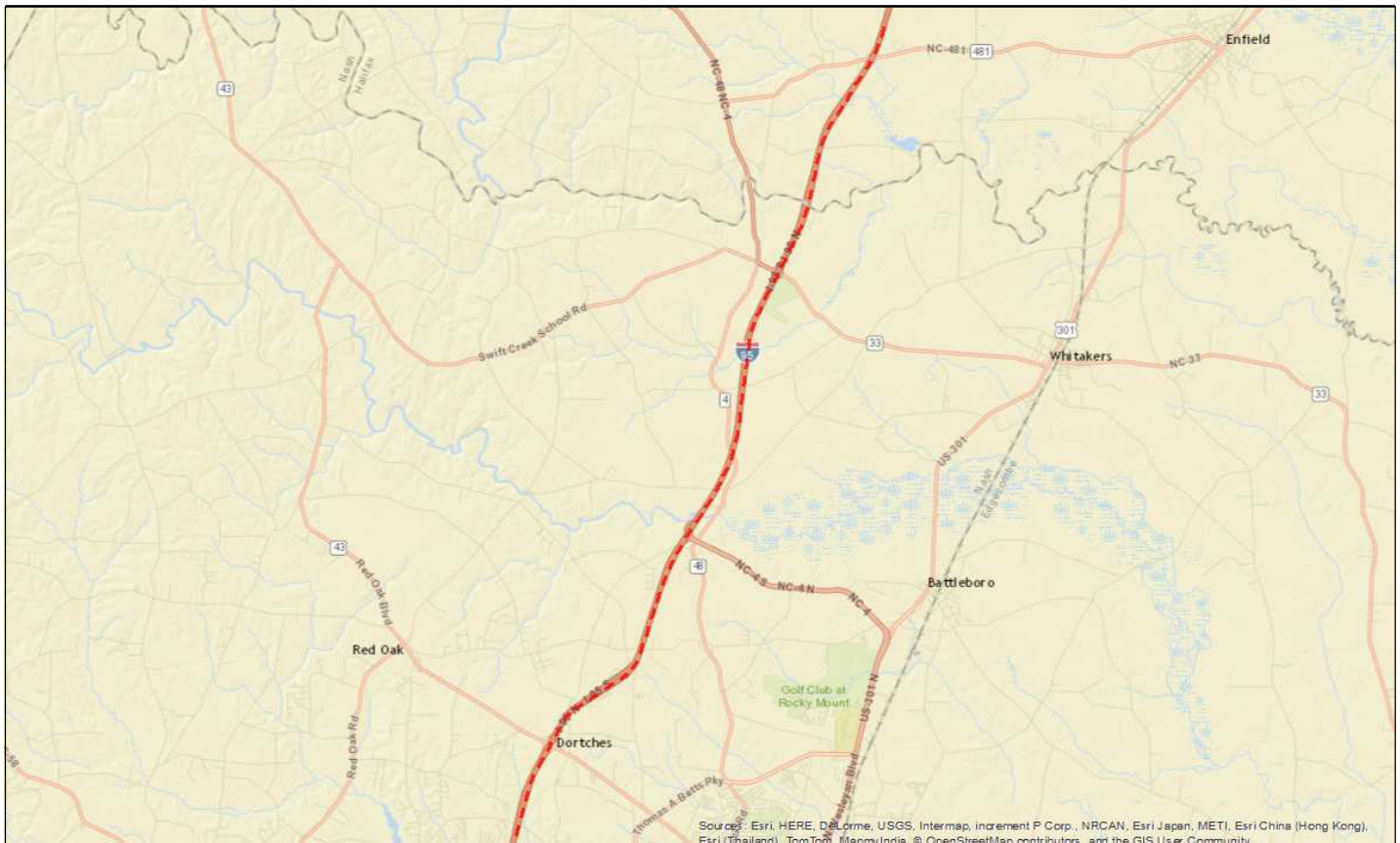
Widen Roadway to 6 Lanes.

**Division(s):** Division 4

**County(s):** NASH, HALIFAX

**MPOS(s)/RPO(s):** Upper Coastal Plain RPO, Peanut Belt RPO, Rocky Mount Urban Area MPO

### Project Location



**Statewide Mobility Total Score: 26.25**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (30%) 49.81 Economic Competitiveness (10%) 7.76 Multimodal + [Freight & Military] (20%) 28.76 [Travel Time] Benefit/Cost (30%) 0.21 Safety (10%) 47.20 <b>Totals: Weight: 100% Weighted Score: 26.25</b>	N/A	N/A

**Regional Impact Total Score: 17.89**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (15%) 49.81 Safety (15%) 47.20 [Travel Time] Benefit/Cost (20%) 0.21 [Paved] Shoulder Width (10%) 0.00 Lane Width (10%) 0.00 <b>Totals: Weight: 70% Weighted Score: 14.59</b>	Percent: 15% Points: 0	Percent: 15% Points: 22

**Division Needs Total Score: 9.72**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (10%) 49.81 Safety (10%) 47.20 Lane Width (10%) 0.00 [Paved] Shoulder Width (10%) 0.00 [Travel Time] Benefit/Cost (10%) 0.21 <b>Totals: Weight: 50% Weighted Score: 9.72</b>	Percent: 25% Points: 0	Percent: 25% Points: 0

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	70
Length (miles):	15.07
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	11
Roadway has Curb & Gutter?	No
Volume (AADT):	37808.45
Capacity:	65400.1
Volume/Capacity Ratio:	0.58
% Autos:	85%
% Trucks:	15%
Truck Volume:	5751.21
Crash Density:	40.9
Crash Severity:	55.39
Critical Crash Rate:	45.31
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	23
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	74
Actual Congested Speed:	62.18
Travel Time Index:	1.13

**Project Benefits**

Project Cross-Section:	6A - 6 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	70
Length (miles):	15.07
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	10
Travel Time Savings for 30 Years (Total):	3175370.47
Travel Time Savings for 30 Years (Autos):	2692351.19
Travel Time Savings for 30 Years (Trucks):	483019.28
Long-Term Employment:	53
% Change in Economy:	0.00010222
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 4

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT OnLine tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 4	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Upper Coastal Plain RPO	62%	22	0
Peanut Belt RPO	22%	0	0
Rocky Mount Urban Area MPO	16%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>22</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$346,560,000	TIP Unit
Right-of-Way Cost:	\$2,001,000	Cost Estimation Tool
Utilities Cost:	\$240,000	Cost Estimation Tool
Total Project Cost:	\$348,801,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$348,801,000</b>	